

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Applicant : James A. Benjamin et al  
Serial No. : (Unknown)  
Filed : Concurrently herewith  
For : METHOD AND APPARATUS FOR FEED FORWARD  
LINEARIZATION OF WIDEBAND RF  
AMPLIFIERS  
Examiner : (Unknown)  
Group Art Unit : (Unknown)  
Atty Docket No.: 01BAE96641

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

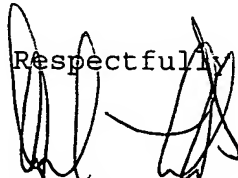
Dear Sir:

Transmitted herewith is an Information Disclosure Statement ("IDS") in the above-referenced Application, together with a Form PTO-1449 listing all references cited and a copy of each reference.

This IDS is being mailed concurrently with the filing of the above-captioned Application. Therefore, consideration of the IDS by the Patent and Trademark Office, without the payment of any additional fee, is believed to be proper under 37 C.F.R. § 1.97(b). However, the Commissioner is hereby authorized to charge Deposit Account No. 50-0787 if any fee under 37 C.F.R. 1.17 is

deemed necessary for the accompanying references to be considered by the Patent and Trademark Office.

All the references are in English, so that comment on the references by the Applicants is not required under 37 C.F.R. § 1.98(a).

 Respectfully submitted,

David L. Davis  
Registration No. 24812  
Attorney for Applicants

ADDRESS ALL CORRESPONDENCE TO:

David L. Davis  
90 Washington Valley Road  
Bedminster, New Jersey 07921  
(908) 719-8961

DLD:ab  
1220

<b>Form PTO-1449</b> (REV. 8-83) <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET NO. 01BAE96641 SERIAL NO. Unknown	
APPLICANT(S) James A. Benjamin et al				FILING DATE Concurrently herewith GROUP Unknown	

U.S. PATENT DOCUMENTS							
Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,389,618	6/21/1983	Ronald M. Bauman	330	149		
	5,051,704	9/24/1991	Chapman et al.	330	52		
	5,077,532	12/31/1991	Obermann et al.	330	151		
	5,166,634	11/24/1992	Narahashi et al.	330	151		
	5,489,875	2/6/1996	James K. Cavers	330	151		

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Stephen J. Grant et al.; "A DSP Controlled Adaptive Feedforward Amplifier Linearizer"; School of Engineering Science, Simon Fraser University; Dept. of Electrical Engineering, University of Alberta; (pages 1-5).
		Frank Zavosh et al.; "Digital Predistortion Techniques for RF Power Amplifiers with CDMA Applications"; Microwave Journal Reviewed Editorial Board, Technical Feature; Motorola Semiconductor Product Sector, Networking and Computing Systems Group, Tempe, AZ; (pages 1-9).
		Stephen H. Kratzet; "Simulating a Feedforward Amplifier that Cancels 2 <sup>nd</sup> and 3 <sup>rd</sup> Order Output Distortion; System View by Elanix"; Application Note AN115; June 23, 1998 (pages 1-3).
		"GC2011A 3.3V Digital Filter Chip Datasheet, Revision 1.0"; GrayChip DSP Chips and Systems; September 22, 1999.
		Stephen James Grant; "A DSP Controlled Adaptive Feedforward Amplifier Linearizer"; M.A.Sc. Thesis; School of Engineering Science, Simon Fraser University, July 1996.

Examiner	DATE CONSIDERED
----------	-----------------

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.